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## 32544, A NOVEL HUMAN PHOSPHOLIPASE AND USES THEREFOR

5 <u>Abstract</u>

The invention provides isolated nucleic acids molecules, designated 32544 nucleic acid molecules, which encode novel phospholipase family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 32544 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 32544 gene has been introduced or disrupted. The invention still further provides isolated 32544 proteins, fusion proteins, antigenic peptides and anti-32544 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.